## WHAT IS CLAIMED IS:

- 1. A device for forming a groove pattern in a light-guiding plate, the device having a tool unit including a tool guide and a head, which comprises:
  - a heating plate disposed below the tool unit;
  - a stamper provided under the heating plate; and
- a plurality of cutting tools extending from the lower side of the stamper at fixed intervals for forming a plurality of groove patterns in a surface of the light-guiding plate.
- 2. The device of claim 1, wherein the light-guiding plate is supported by a holder having a vacuum structure.
  - 3. The device of claim 1, wherein the stamper is a metal plate.
- 4. The device of claim 1, wherein each of the cutting tools includes a rectangular or circular body, and a pyramid-shaped cutting part extending from the body.

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- 5. The device of claim 4, wherein the cutting part is made of a processed diamond material.
- 6. A device for forming a groove pattern in a light-guiding plate, the device having a tool unit including a tool guide and a head, which comprises:
  - a heating plate disposed below the tool unit;
  - a stamper provided under the heating plate;
- a heating nipper surrounding both sides of the heating plate and the stamper; and
- a plurality of cutting tools extending from the lower side of the stamper at fixed intervals for forming a plurality of groove patterns in a surface of the light-guiding plate.
- 7. The device of claim 6, wherein the light-guiding plate is supported by a holder having a vacuum structure.
  - 8. The device of claim 6, wherein the stamper is a metal material.

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9. A method for forming a groove pattern in a light-guiding plate by using a tool unit having a plurality of tools which comprises:

fixing the light-guiding plate to a holder having a vacuum structure;

applying heat and pressure to the plurality of tools of the tool unit,

forming a plurality of groove patterns in a surface of the light-guiding plate.

- 11. A method for forming a groove pattern in a light-guiding plate by using a tool unit having a plurality of tools, which comprises:

fixing the light-guiding plate to a holder having a vacuum structure;

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forming a plurality of groove patterns in a surface of the light-guiding plate by applying heat and pressure to the plurality of tools of the tool unit and simultaneously, cutting the light-guiding plate to a desired size.

- 12. A device for forming a plurality of grooves in a light-guiding plate which comprises a tool unit containing a tool guide and a head,
  - a heating plate operatively connected to the head of the tool unit,
  - a stamper unit provided under the heating plate,
- a plurality of cutting tools extending from the lower side of the stamper unit at fixed intervals, and
- a reciprocity system operatively connected to the head of the tool unit, said reciprocation system being effective in forming a plurality of groove patterns in a surface of the light-guiding plate.